

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/038445

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60J5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 917 152 A (KAMEYAMA ET AL) 29 June 1999 (1999-06-29)	1-6, 15-18
Y	column 2, line 60 - column 4, line 34; figures	7,8, 19-22
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) & JP 2000 318532 A (YAZAKI CORP), 21 November 2000 (2000-11-21) abstract; figures 1-6	1,4,6
Y	EP 1 129 875 A (MAZDA MOTOR CORPORATION) 5 September 2001 (2001-09-05) paragraph '0026!; figures 1-7	7,8, 19-22
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 1 275 540 A (BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT) 15 January 2003 (2003-01-15)	9
A	paragraphs '0007!, '0024! - '0027!; figures	11-14
P,X	US 2004/155483 A1 (LIN JIH CHENG ET AL) 12 August 2004 (2004-08-12)	1-10, 15-18, 20-22
P,A	paragraphs '0013! - '0016!, '0071! - '0079!; figures 1-20	11-14
E,X	EP 1 486 366 A (MAZDA MOTOR CORPORATION; HIROTEC CORPORATION; GP DAIKYO CORPORATION) 15 December 2004 (2004-12-15) paragraphs '0037!, '0043! - '0052!, '0079!; figures 7-10	1,2,4-6
A	US 2002/167195 A1 (NAGEL THOMAS ET AL) 14 November 2002 (2002-11-14) paragraphs '0004!, '0017!, '0018!; claims; figures	1,15
A	US 5 927 020 A (KOBREHEL ET AL) 27 July 1999 (1999-07-27) column 5, lines 24-30 - column 6, lines 18-27; figures	1,15
A	EP 0 712 746 A (GENERAL MOTORS CORPORATION) 22 May 1996 (1996-05-22) abstract; figures	1,15

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